## The Correlation of Career and Technical Education Courses to Cyber Safety Issues

as identified in the 2006 General Assembly legislation

22.1-70.2 Code of Virginia
Acceptable Internet use policies for public and private schools

Draft

June 20, 2006

	Career and Technical Education Courses	
Cyber Safety Issues	Middle School	High School
Personal Safety	Agricultural Education 8004, 8006, 8008	<b>Agricultural Education</b> 8020, 8024, 8050, 8018
The Internet allows for exchange of information and fosters communication between people regardless of geographic location. Students need to develop skills that enable them to recognize the possible consequences of engaging in certain online activities such as social networking, email, and instant messaging.	Business and Information Technology	<b>Business and Information Technology</b> 6135/6136, 6611/6617, 6612/6614, 6613/6615, 6650, 6651, 6661, 6670, IB6613
	Career Connections	Career Connections 9079/9080 , 9086/9087, 9021, 9031, 9030, 9020, 9077/9078, 9084/9085
	Family and Consumer Sciences	Family and Consumer Sciences 8223/8225, 8211/8212/8277/8213, 8209/8210, 8233/8234, 8237/8238 8226/8227, 8228/8229, 8231/8232, 8214/8219, 8205/8282
	Health and Medical Sciences	Health and Medical Sciences
	Marketing	Marketing 8110, 8111, 8116/8115, 8120/8121, 8125, 8130/8131, 8140/8141, 8145/8146
	<b>Technology Education</b> 8483, 8462, 8461	Technology Education 8420/8421, 8496
	Trade and Industrial Education	Trade and Industrial Education 8621, 8622/8623/8624, 8901/8902/8903/8904, 8542/8543/8544/8545, 8650/8651

	Career and Technical Education Courses	
Cyber Safety Issues	Middle School	High School
Privacy	Agricultural Education	<b>Agricultural Education</b> 8020, 8024, 8050, 8018
Students need to be aware of the consequences of revealing personal information online and sharing passwords with others. They need opportunities to model, rehearse, and practice new skills related to staying safe online.	Business and Information Technology	<b>Business and Information Technology</b> 6612/6614, 6613/6615, 6640, 6641, 6650, 6651, 6660, 6661, 6670, IB6613
	Career Connections	Career Connections 9079/9080 , 9086/9087, 9021, 9031, 9030, 9020, 9077/9078, 9084/9085
	Family and Consumer Sciences	Family and Consumer Sciences 8223/8225, 8211/8212/8277/8213, 8209/8210, 8233/8234, 8237/8238 8226/8227, 8228/8229, 8231/8232, 8214/8219, 8205/8282
	Health and Medical Sciences	Health and Medical Sciences
	Marketing	Marketing 8110, 8111, 8116/8115, 8120/8121, 8125, 8130/8131, 8132, 8145/8146, 8162/8163, 8167/8168
	Technology Education 8483, 8462	<b>Technology Education</b> 8420/8421, 8412, 8413, 8496
	Trade and Industrial Education	<b>Trade and Industrial Education</b> 8621, 8622/8623/8624, 8901/8902/8903/8904, 8542/8543/8544/8545, 8650/8651

Carlo are Ca fatar I again ag	Career and Technical Education Courses	
Cyber Safety Issues	Middle School	High School
Predators	Agricultural Education	Agricultural Education
Cyber predators are a growing threat to the safety of students.  Students need to be informed as to the process known as grooming that is used by predators to develop a relationship via the Internet that ultimately leads to a face-to-face encounter between the predator and the student.	Business and Information Technology 6160/6161, 6611/6617	Business and Information Technology 6160/6161, 6611/6617, 6612/6614, 6613/6615, 6630/6632, 6631/6633, 6640, 6641, 6650, 6651, 6670, IB6613
	Career Connections	Career Connections 9079/9080 , 9086/9087, 9021, 9031, 9030, 9020, 9077/9078, 9084/9085
	Family and Consumer Sciences	Family and Consumer Sciences 8223/8225, 8211/8212/8277/8213, 8209/8210, 8233/8234, 8237/8238, 8226/8227, 8228/8229, 8231/8232, 8214/8219, 8205/8282
	Health and Medical Sciences	Health and Medical Sciences
	Marketing	Marketing 8125
	Technology Education 8483	Technology Education 8403
	Trade and Industrial Education	<b>Trade and Industrial Education</b> 8542/8543/8544/8545, 8650/8651

Cyber Safety Issues	Career and Technical Education Courses	
Cyber Safety Issues	Middle School	High School
Bullying	Agricultural Education	Agricultural Education
Cyber bullies use technologies such as email, instant messaging, social networking, and online profiles to engage in activities that can cause both physical and emotional abuse. Students need to understand the impact of such activities and how to respond if they are the victim of a cyber bullying attack.	Business and Information Technology 6160/6161, 6611/6617	<b>Business and Information Technology</b> 6160/6161, 6611/6617, 6612/6614, 6613/6615, 6630/6632, 6631/6633, 6640, 6641, 6650, 6651, 6670, IB6613
	Career Connections	Career Connections
	Family and Consumer Sciences	Family and Consumer Sciences 8223/8225, 8211/8212/8277/8213, 8209/8210, 8233/8234, 8237/8238, 8226/8227, 8228/8229, 8231/8232, 8214/8219, 8205/8282
	Health and Medical Sciences	Health and Medical Sciences
	Marketing	Marketing
	Technology Education 8483	Technology Education 8403, 8421
	Trade and Industrial Education	Trade and Industrial Education 8621, 8622/8623/8624, 8542/8543/8544/8545, 8650/8651

Career and Technical Education Courses	
Middle School	High School
<b>Agricultural Education</b> 8004, 8006, 8008, 8022, 8024, 8026	Agricultural Education
<b>Business and Information Technology</b> 6160/6161, 6609/6610, 6611/6617	Business and Information Technology 6160/6161, 6320, 6321, 6611/6617, 6612/6614, 6613/6615, 6630/6632, 6631/6633, 6640, 6641, 6650, 6651, 6660, 6661, 6670, 6745, IB6613
Career Connections	Career Connections
Family and Consumer Sciences	Family and Consumer Sciences
Health and Medical Sciences	Health and Medical Sciences
Marketing	Marketing 8110, 8111, 8116/8115, 8120/8121, 8125, 8130/8131, 8132, 8135, 8140/8141, 8145/8146, 8162/8163, 8165/8166, 8167/8168
<b>Technology Education</b> 8483, 8462	<b>Technology Education</b> 8492/8437, 8418/8415, 8420/8421, 8412, 8413, 8493/8436, 8423, 8496, 8445, 8434/8435
Trade and Industrial Education	<b>Trade and Industrial Education</b> 8621, 8622/8623/8624, 8542/8543/8544/8545, 8650/8651
	Middle School  Agricultural Education 8004, 8006, 8008, 8022, 8024, 8026  Business and Information Technology 6160/6161, 6609/6610, 6611/6617  Career Connections  Family and Consumer Sciences  Health and Medical Sciences  Marketing  Technology Education 8483, 8462

Internet Safety & the Virginia Standards of Learning	Career and Technical Education Courses Middle School High School	
for Computer/Technology for Grades K-12	Agricultural Education	Agricultural Education
Social and Ethical Issues C/T 6-8.3 The student will demonstrate knowledge of ethical,	8004	Agricultural Education
<ul> <li>cultural, and societal issues related to technology.</li> <li>Demonstrate knowledge of current changes in information technologies.</li> <li>Explain the need for laws and policies to govern technology.</li> <li>Explore career opportunities in technology related</li> </ul>	<b>Business and Information Technology</b> 6160/6161, 6609/6610, 6611/6617	Business and Information Technology 6135/6136, 6160/6161, 6611/6617, 6612/6614, 6613/6615, 6630/6632, 6631/6633, 6640, 6641, 6650, 6651, 6660, 6661, 6662, 6670, IB6613
careers.	Career Connections	Career Connections
	Family and Consumer Sciences	Family and Consumer Sciences
	Health and Medical Sciences	Health and Medical Sciences
	Marketing	Marketing
		8125, 8136
	Technology Education 8483	Technology Education 8403
	Trade and Industrial Education	Trade and Industrial Education

	Career and Technical Education Courses	
Internet Safety & the Virginia Standards of Learning for Computer/Technology for Grades K-12	Middle School	High School
C/T 6-8.4 The student will practice responsible use of technology	Agricultural Education 8004	Agricultural Education
<ul> <li>systems, information, and software.</li> <li>Demonstrate the correct use of fair use and copyright regulations.</li> <li>Demonstrate compliance with the school division's Acceptable Use Policy and other legal guidelines.</li> </ul>	<b>Business and Information Technology</b> 6160/6161, 6609/6610, 6611/6617	<b>Business and Information Technology</b> 6160/6161, 6320, 6321, 6611/6617, 6612/6614, 6613/6615, 6640, 6641, 6650, 6651, 6660, 6661, 6670, IB6613
	Career Connections	Career Connections
	Family and Consumer Sciences	Family and Consumer Sciences
	Health and Medical Sciences	Health and Medical Sciences
	Marketing	Marketing 8125
	<b>Technology Education</b> 8483, 8462	Technology Education 8403, 8405, 8407
	Trade and Industrial Education	Trade and Industrial Education

	Career and Technical Education Courses	
Internet Safety & the Virginia Standards of Learning for Computer/Technology for Grades K-12	Middle School	High School
C/T 6-8.5 The student will demonstrate knowledge of technologies that support collaboration, personal pursuits, and produc-	Agricultural Education 8004	Agricultural Education
<ul> <li>tivity.</li> <li>Work collaboratively and/or independently when using technology.</li> <li>Practice preventative maintenance of equipment, resources, and facilities.</li> <li>Explore the potential of the Internet as a means of</li> </ul>	<b>Business and Information Technology</b> 6150, 6160/6161, 6609/6610, 6611/6617	Business and Information Technology 6135/6136, 6151, 6152, 6160/6161, 6611/6617, 6612/6614, 6613/6615, 6621/6622, 6625/6626, 6630/6632, 6631/6633, 6640, 6641, 6650, 6651, 6660, 6661, 6670, 6740, IB6613
personal learning and the respectful exchange of ideas and products.	Career Connections	Career Connections
	Family and Consumer Sciences	Family and Consumer Sciences
	Health and Medical Sciences	Health and Medical Sciences
	Marketing	<b>Marketing</b> 8125, 8132, 8135
	Technology Education 8462, 8483, 8461	<b>Technology Education</b> 8403, 8405, 8407, 8420
	Trade and Industrial Education	Trade and Industrial Education

	Career and Technical Education Courses	
Internet Safety & the Virginia Standards of Learning for Computer/Technology for Grades K-12	Middle School	High School
C/T 9-12.3 The student will demonstrate knowledge of ethical, cultural, and societal issues related to technology.	<b>Agricultural Education</b> 8008, 8022, 8045, 8046, 8083, 8084	<b>Agricultural Education</b> 8020, 8026, 8024, 8050, 8006, 8072/8073, 8086, 8042, 8014, 8088
<ul> <li>Assess the potential of information and technology to address personal and workplace needs.</li> <li>Demonstrate knowledge of electronic crimes such as viruses, pirating, and computer hacking.</li> <li>Explore and participate in online communities, and online learning opportunities.</li> </ul>	<b>Business and Information Technology</b> 6160/6161, 6609/6610, 6611/6617	Business and Information Technology 6160/6161, 6611/6617, 6612/6614, 6613/6615, 6630/6632, 6631/6633, 6640, 6641, 6650, 6651, 6660, 6661, 6670, IB6613
<ul> <li>Identify the role that technology will play in future career opportunities.</li> </ul>	Career Connections	Career Connections 9079/9080, 9086/9087, 9021, 9031, 9030, 9020, 9077/9078, 9084/9085
	Family and Consumer Sciences	Family and Consumer Sciences 8211/8212/8277/8213, 8209/8210, 8233/8234, 8237/8238, 8226/8227, 8228/8229, 8231/8232, 8214/8219, 8205/8282
	Health and Medical Sciences	Health and Medical Sciences 8312
	Marketing	Marketing 8110, 8111, 8116/8115, 8120/8121, 8125, 8130/8131, 8132, 8135, 8136, 8140/8141, 8145/8146, 8162/8163, 8165/8166, 8167/8168, 8177/8178
	Technology Education 8483	<b>Technology Education</b> 8492/8437, 8418/8415, 8420/8421, 8412, 8413, 8493/8436, 8496, 8445, 8434/8435
	Trade and Industrial Education	Trade and Industrial Education 8542/8543/8544/8545, 8621, 8622/8623/8624, 8650/8651, 8660/8661/8662, 8901/8902/8903/8904

	Career and Technical Education Courses	
Internet Safety & the Virginia Standards of Learning for Computer/Technology for Grades K-12	Middle School	High School
C/T 9-12.4 The student will practice responsible use of technology systems, information, and software.	Agricultural Education 8008	<b>Agricultural Education</b> 8020, 8022, 8024, 8050, 8006, 8018, 8072/8073
<ol> <li>Adhere to fair use and copyright guidelines.</li> <li>Adhere to the school division's Acceptable Use Policy as well as other state and federal laws.</li> <li>Model respect for intellectual property.</li> </ol>	<b>Business and Information Technology</b> 6160/6161, 6609/6610, 6611/6617	Business and Information Technology 6160/6161, 6320, 6321, 6611/6617, 6612/6614, 6613/6615, 6630/6632, 6631/6633, 6640, 6641, 6650, 6651, 6660, 6661, 6670, IB6613
	Career Connections	Career Connections 9079/9080, 9086/9087, 9021, 9031, 9030, 9020, 9077/9078, 9084/9085
	Family and Consumer Sciences	Family and Consumer Sciences 8223/8225, 8211/8212/8277/8213, 8209/8210, 8233/8234, 8237/8238, 8275/8276, 8285,8286, 8264/8265, 8280/8281, 8202/8203, 8295/8296, 8247/8248, 8249/8250, 8258/8259, 8254/8255, 8226/8227, 8228/8229,
	Health and Medical Sciences	8231/8232, 8214/8219, 8205/8282 Health and Medical Sciences
	Marketing	Marketing 8116/8115, 8120/8121, 8125, 8140/8141, 8165/8166, 8167/8168
	Technology Education 8461, 8462, 8483	<b>Technology Education</b> 8492/8437, 8418/8415, 8420/8421, 8412, 8413, 8493/8436, 8423, 8496, 8445
	Trade and Industrial Education	<b>Trade and Industrial Education</b> 8621, 8622/8623/8624, 8542/8543/8544/8545

	Career and Technical Education Courses	
Internet Safety & the Virginia Standards of Learning for Computer/Technology for Grades K-12	Middle School	High School
<ul> <li>C/T 9-12.5 The student will demonstrate knowledge of technologies that support collaboration, personal pursuits, and productivity.</li> <li>Respectfully collaborate with peers, experts, and others to contribute to an electronic community of</li> </ul>	Agricultural Education 8008  Business and Information Technology 6160/6161, 6609/6610, 6611/6617	Agricultural Education 8020, 8022, 8024, 8050, 8006, 8018, 8072/8073  Business and Information Technology 6612/6614, 6613/6615, 6630/6632, 6631/6633, 6640, 6641, 6650,
<ul> <li>learning.</li> <li>Model responsible use and respect for equipment, resources, and facilities.</li> </ul>		6651, 6660, 6661, 6670
	Career Connections	Career Connections 9079/9080 , 9086/9087, 9021, 9031, 9030, 9020, 9077/9078, 9084/9085
	Family and Consumer Sciences	Family and Consumer Sciences 8233/8234, 8237/8238, 8237/8238, 8226/8227, 8228/8229, 8231/8232, 8214/8219, 8205/8282
	Health and Medical Sciences	Health and Medical Sciences
	Marketing	Marketing 8116/8115, 8120/8121, 8125, 8140/8141, 8145/8146
	Technology Education 8461, 8462, 8483	<b>Technology Education</b> 8492/8437, 8418/8415, 8412, 8413, 8493/8436, 8423, 8496, 8445
	Trade and Industrial Education	<b>Trade and Industrial Education</b> 8621, 8622/8623/8624, 8901/8902/8903/8904